

# Work Order ID 81912

Tuesday, March 20, 2012 4:02:42 PM

\*81912\*

Ship April 5th  
Page 1

Item ID: D412-702-343 Accept \*N900040100\* Setup Start \*NS1\*  
Revision ID: Stop \*NS2\*  
Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point  
Start Date: 3/20/2012 Start Qty: 2.00 \*2\* Cust Item ID:  
Required Date: 3/30/2012 Req'd Qty: 2.00 \*2\* Customer:  
Reference:

Approvals: Process Plan: MF Date: 12-03-20 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9511	A								

100 DOCUMENT CONTROL sp 0.00  
\*100\*  
DC Memo 0.00  
Document Control Photocopy bluefile & type labels per PPP D412-702-343 CHG001 Szklak ML 5/2/03/21

105 Pick Kit 0.00  
\*105\*  
Packaging Memo 0.00  
Packaging 2/3/21 & D sp

110 QC4- 100% Inspect kits for completeness 0.00  
\*110\*  
QC Memo 0.00 Szklak TD  
Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 81912****\*81912\***

Page 2

Tuesday, March 20, 2012 4:02:42 PM

Item ID: D412-702-343

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 3/20/2012 Start Qty: 2.00 **\*2\***

Cust Item ID:

Required Date: 3/30/2012 Req'd Qty: 2.00 **\*2\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Packaging	0.00							
<b>*120*</b>									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-702-343								
	Location: _____								
	PPP Rev: <u>A</u>								
130	QC21- Final Inspection - Work Order Release	0.00							
<b>*130*</b>									
QC	Memo	0.00							
Quality Control									

MLJ 12/04/04

Q1204-4

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, March 20, 2012 4:02:40 PM

Page 1

Work Order ID: 81912

Parent Item: D412-702-343

Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 3/20/2012

Required Date: 3/30/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
<u>D412-702-301</u> Harness Assembly		Manufactured	No			105	Each	2.0000	1	2	12	12/3/26	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST244A		1							
				75431		1							
				ST267		1							
				79059		1							
<u>D412-702-303</u> Harness Assembly		Manufactured	No			105	Each	1.0000	1	2	12	8/19/29	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST267		1							
				80482		1							
<u>D412-702-305</u> Harness Assembly		Manufactured	No			105	Each	1.0000	1	2	12	8/19/28	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST267		1							
				80483		1							
<u>D412-702-307</u> Harness Assembly		Manufactured	No			105	Each	3.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST267		3							
				79061		3							
<u>D412-702-309</u> Harness Assembly		Manufactured	No			105	Each	1.0000	1	2	12	8/19/30	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST267		1							
				80484		1							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, March 20, 2012 4:02:40 PM

Page 2

Work Order ID: 81912

Parent Item: D412-702-343

Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 3/20/2012

Required Date: 3/30/2012

Start Qty: 2.00

Required Qty: 2.00

D412-702-059 Manufactured No 105 Each 2.0000

Grommet 64(760)

Location Loc Qty Loc Code

FG125 2  
68788 2

Manufactured No 105 Each 0.0000

D3761-1-041  
HOOK & LOOP STRIP

Manufactured No 105 Each 2.0000

D3542-1  
Bracket

Location Loc Qty Loc Code

ST245 2  
68314 2

Manufactured No 105 Each 9.0000

D3571-1  
Guide

Location Loc Qty Loc Code

ST245 9  
63965 1  
70628 8

Manufactured No 105 Each 2.0000

D3571-3  
Guide

Location Loc Qty Loc Code

ST245 2  
68773 2

Manufactured No 105 Each 148.0000

D3578-041  
Doubler

Location Loc Qty Loc Code

ST244A 50  
65269 0  
80921 50  
ST245A 98  
80380 98

1 2

2  
5 10  
B 22 010  
2 4  
B 80480  
12/4/3

2 3 6

6 4  
B 20481  
12/4/3

2 6  
12/3/22

Tuesday, March 20, 2012 4:02:41 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Tuesday, March 20, 2012 4:02:41 PM

Page 3

Work Order ID: 81912

Parent Item: D412-702-343

Parent Item Name: 5-Man, Fwd Facing Shoulder Harness, 3 point

Start Date: 3/20/2012

Required Date: 3/30/2012

Start Qty: 2.00

Required Qty: 2.00

D3610-041 Bracket	Manufactured	No		105	Each	3.0000	2 4	B8 04/21
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST245A	3				
			75447	3			3	
D3618-1 CAP	Manufactured	No		105	Each	36.0000	2 4	PP
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST245A	36				
			55669	36			4	
AN4-10A Bolt	Purchased	No		105	Each	71.0000	4 8	PP
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST356	71				
			117619	71			8	
AN4-44A Bolt	Purchased	No		105	Each	43.0000	2 4	PP
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST360	43				
			104806	43			X	
MS24693-S274 Screw	Purchased	No		105	Each	143.0000	2 4	PP
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST288	143				
			117441	143			4	
MS24694-S56 SCREW	Purchased	No		105	Each	69.0000	3 6	PP
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST289A	69				
			120142	44			6	
			120833	25				

Tuesday, March 20, 2012 4:02:41 PM

Shop Packet Print

Page 3

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, March 20, 2012 4:02:41 PM

Page 4

Work Order ID: 81912

Parent Item: D412-702-343

Parent Item Name: 5-Man Fwd Facing Shoulder Harness, 3 point

Start Date: 3/20/2012

Required Date: 3/30/2012

Start Qty: 2.00

Required Qty: 2.00

MS24694-S58  
Screw

Purchased No

105 Each 103.0000

2 1  
SP

4

SP

## Location

## Loc Qty

## Loc Code

ST289A

103

116540

53

120308

50

4

MS24694-S60  
Screw

Purchased No

105 Each 88.0000

1 2  
SP

2

SP

## Location

## Loc Qty

## Loc Code

ST289A

88

104407

88

2

AN960JD416  
Washer

NAS1149D0463J

Purchased No

105 Each 14.0000

6 12  
M120644

SP

## Location

## Loc Qty

## Loc Code

ST351

14

116289

14

AN960JD416L  
Washer

NAS1149D0416J

Purchased No

105 Each 8.0000

4 8  
M118731

M119124

SP

## Location

## Loc Qty

## Loc Code

FP002

8

110153

8

MS21042L4  
Nut

Purchased No

105 Each 5,179.0000

6 12  
SP

12

SP

## Location

## Loc Qty

## Loc Code

ST300

5179

118451

133

119017

192

119075

2854

121011

2000

12

CR3212-4-4  
Cherry Rivet

Purchased No

105 Each 0.0000

12 24  
M116471

6/3/21 SP 23

SP

Tuesday, March 20, 2012 4:02:41 PM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

QTY -337	QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
X							D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	X						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
		X					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
			X				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
				X			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
					X		D412-702-349	Dart 1-Man 3-Point Forward Facing Shoulder Harness Kit
						X	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
	1	1		1	1		D412-702-059	GROMMET KIT
	2	1		1			D412-702-301	HARNESS ASSEMBLY
	2	1		1			D412-702-303	HARNESS ASSEMBLY
	1	1			1		D412-702-305	HARNESS ASSEMBLY
	1	1				1	D412-702-307	HARNESS ASSEMBLY
	1	1					D412-702-309	HARNESS ASSEMBLY
1	1		1				D412-702-311	HARNESS ASSEMBLY
1	1		1				D412-702-313	HARNESS ASSEMBLY
	1			1			D412-702-315	HARNESS ASSEMBLY
	1			1			D412-702-317	HARNESS ASSEMBLY
1							D412-702-319	HARNESS ASSEMBLY
1	1		1				D412-702-321	HARNESS ASSEMBLY
1	1		1				D412-702-323	HARNESS ASSEMBLY
	2	2				1	D3542-1	BRACKET
	7	3		4	1		D3571-1	GUIDE
	2	2				1	D3571-3	GUIDE
			2				D3572-041	GUIDE ASSEMBLY
	12	6		6	2		D3578-041	DOUBLER
	2	2				1	D3610-041	BRACKET
	2	2				1	D3618-1	CAP
				2			D3677-1	SPACER
	9	5		4	1	1	D3761-1-041	HOOK AND LOOP STRIP
1							D3920-041	SEATBELT GUIDE ASSEMBLY
2							D3920-5	SEATBELT GUIDE
	4	4				2	AN4-10A	BOLT
1	2		2				AN4-16A	BOLT
1							AN4-21A	BOLT
7	4		4				AN4-25A	BOLT
	4		4				AN4-27A	BOLT
	2	2				1	AN4-44A	BOLT
18	26	6	20			3	AN960JD416	WASHER (OR NAS1149D0463J)
	4	4				2	AN960JD416L	WASHER (OR NAS1149D0416J)
	24	12		12	4		CR3212-4-4	RIVET
9	12	6	6			3	MS21042L4	NUT (OR MS21042-4)
				6			MS21069L3	ANCHOR NUT
	2	2				1	MS24693S274	SCREW
				2			MS24694S282	SCREW
	3	3			1		MS24694S56	SCREW
	10	2		8			MS24694S58	SCREW
	1	1			1		MS24694S60	SCREW

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Revision: A

Date: 10.12.01

# REFERENCE ONLY

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IIN-D412-702-2

Page 42 of 42

QTY -337	QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
X							D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	X						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
		X					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
			X				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
				X			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
					X		D412-702-349	Dart 1-Man 3-Point Forward Facing Shoulder Harness Kit
						X	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
	1	1		1	1		D412-702-059	GROMMET KIT
	2	1		1			D412-702-301	HARNESS ASSEMBLY
	2	1		1			D412-702-303	HARNESS ASSEMBLY
	1	1			1		D412-702-305	HARNESS ASSEMBLY
	1	1				1	D412-702-307	HARNESS ASSEMBLY
	1	1					D412-702-309	HARNESS ASSEMBLY
1	1		1				D412-702-311	HARNESS ASSEMBLY
1	1		1				D412-702-313	HARNESS ASSEMBLY
	1			1			D412-702-315	HARNESS ASSEMBLY
	1			1			D412-702-317	HARNESS ASSEMBLY
1							D412-702-319	HARNESS ASSEMBLY
1	1		1				D412-702-321	HARNESS ASSEMBLY
1	1		1				D412-702-323	HARNESS ASSEMBLY
	2	2				1	D3542-1	BRACKET
	7	3		4	1		D3571-1	GUIDE
	2	2				1	D3571-3	GUIDE
	2		2				D3572-041	GUIDE ASSEMBLY
	12	6		6	2		D3578-041	DOUBLER
	2	2				1	D3610-041	BRACKET
	2	2				1	D3618-1	CAP
				2			D3677-1	SPACER
	9	5		4	1	1	D3761-1-041	HOOK AND LOOP STRIP
1							D3920-041	SEATBELT GUIDE ASSEMBLY
2							D3920-5	SEATBELT GUIDE
	4	4				2	AN4-10A	BOLT
1	2		2				AN4-16A	BOLT
1							AN4-21A	BOLT
7	4		4				AN4-25A	BOLT
	4		4				AN4-27A	BOLT
	2	2				1	AN4-44A	BOLT
18	26	6	20			3	AN960JD416	WASHER (OR NAS1149D0463J)
	4	4				2	AN960JD416L	WASHER (OR NAS1149D0416J)
	24	12		12	4		CR3212-4-4	RIVET
9	12	6	6			3	MS21042L4	NUT (OR MS21042-4)
				6			MS21069L3	ANCHOR NUT
	2	2				1	MS24693S274	SCREW
				2			MS24694S282	SCREW
	3	3			1		MS24694S56	SCREW
	10	2		8			MS24694S58	SCREW
	1	1			1		MS24694S60	SCREW

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